

Power Test at 4 Ohms each channel

@4ohm resistive load on each channel, Output from Rigol DG1022 - **700mVrms** input RCA in both L+R channel

after stable amp--> sweep 10Hz-25kHz both channels, Rigol DP832 power supply 31V /6A

Ambient **28°C** at start because of playing around with this switch off at 500mVrms input signal, Temp measurement tool is Voltcraft IR-230

no true rms DDM in channel L for current

no true rms DMM in channel R for Voltage

AMP 2 : SET LM317 to 12,06V, changed caps at the input and Regulators, caps are origianl ELNA

running Time - [minutes]	Heatsink °C	Coils Temp °C (inner /outter coil)	LM2575S	ELNA caps near the coils	LM317 °C
6	77	37/32	35	33	48
12	92	45/39	39	39	51
18	102	49/42	42	46	57
24	106	53/43	44	50	58
28	cipping LED on, still signal on the outputs, mute with switch short + cooling with fan 15 sec, stop fan				
36	101	54/51	42	51	58
27	cipping LED on, still signal on the outputs, switch the amp mute, unmute go ahead				
42	106	55/44	43	53	61

DMM mearuements about:(sweep 10Hz-25kHz)

	Voltage V	Current A	approx. Power	
min	13,3		3,04	40,432 high frequency
max	16,55		4,06	67,193 low frequency